

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE: Application of: Ingold et al.

Serial No.: 10/505,337

Art Unit: 1626

Filing Date: 8/23/04

Examiner: Yong Liang Chu

For: PROCESS FOR PREPARATION OF CHEMICAL COMPOUNDS

**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Applicants request that the references identified on Form PTO-1449 appended hereto be considered by the Examiner and officially made of record in accordance with the provisions of 37 CFR 1.97

☒ Copies of the references are enclosed

☐ Copies of the references were submitted in parent application Serial No. \_\_\_\_\_. (37 CFR 1.98(d))

☐ A copy of the International Search Report which issued on International Application No. \_\_\_\_\_ is submitted herewith. All of the publications cited in the International Search Report are listed on the attached form PTO-1449 and Applicants understand that copies have been supplied to the U.S. Patent Office by the International Bureau.

A. ☐ The Information Disclosure Statement submitted herewith is being filed within three months of the filing date of the above application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 CFR 1.97(b).

OR

☒ The Information Disclosure Statement submitted herewith is being filed before the mailing of a first office action after the filing of a Request For Continued Examination under 37 C.F.R. 1.114 (37 C.F.R. 1.97(b)(4)).

B. ☐ The Information Disclosure Statement transmitted herewith is being filed after three months of the filing date of the above application or the date of entry into the national stage as set forth in § 1.491 of an international application or after the mailing date of the first Office Action on the merits, whichever event occurred last, but before the mailing date of either:

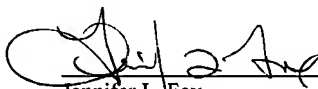
- (1) a final action under § 1.113 or
  - (2) a notice of allowance under § 1.311,
- whichever occurs first.

- ☐ Applicant hereby certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ Applicant elects the option to pay the fee set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under § 1.97(c) (\$180.00).
- C. ☐ The Information Disclosure Statement transmitted herewith is being filed **after** a final action under § 1.113, or a notice of allowance under § 1.311, whichever occurs first, but before the payment of the issue fee. Also enclosed is a copy of the International Search Report which Issued on International Publication No.

In accordance with the requirements of 37 CFR 1.97(d):

- ☐ Applicant hereby certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. **[or]**
- ☐ Applicant hereby certifies that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of this statement; and
- ☐ The petition fee set forth in § 1.17(i)(1) (\$180.00) is submitted herewith.
- ☒ Please charge any required fees to Deposit Account No.07-1392.
- ☐ A duplicate copy of this paper is attached.

Respectfully Submitted,



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<b>FORM PTO-1449</b> <b>INFORMATION DISCLOSURE STATEMENT</b>				<b>ATTORNEY DOCKET NO.</b> PU4722USW		<b>SERIAL NO.</b> 10/505,337	
				<b>APPLICANT</b> Ingold et al.			
				<b>FILING DATE</b> 8/23/04		<b>GROUP</b> 1626	
<b>U.S. PATENT DOCUMENTS</b>							
<b>Examiner Initials</b>		<b>Patent Number</b>	<b>Issue Date</b>	<b>Name</b>	<b>Class</b>	<b>Subclass</b>	<b>Filing Date If Appropriate</b>
Continue on page _____							
<b>FOREIGN PATENT DOCUMENTS</b>							
		<b>Document Number</b>	<b>Publication Date</b>	<b>Country</b>	<b>Class</b>	<b>Subclass</b>	<b>Translation Yes   No</b>
Continue on page _____							
<b>OTHER DOCUMENTS (Including Author, Title, Journal-Date, Page Number, Etc.)</b>							
		Bebbington, et al., "3,5-Distributed-4-hydroxyphenyls linked to 3-hydroxy-2-mthetyl 4(1H0 pyridinone: potent inhibitors of lipid peroxidation and cell toxicity," Journal of Medicinal Chemistry, V43, N15, 2000, p. 2779.					
		Sato, et al., "Efficient synthesis and biological properties of new benzopentathiepins," Heterocycles, V41, N5, 1995, pp. 893-896.					
		Terico, et al., "Synthesis of 2,2-dimethyl-2H-thiochromenes, the sulfur analogs of precocenes," Synthesis, No. 2, 1987, pp. 149-153.					
		Engman, et al., "A general procedure for the synthesis of methylthiomethylseleno- and methylthio-substituted aromatic compounds," Journal of Organometallic Chemistry, V296, N3, 1985, pp. 357-366.					
		Malmstrom, et al., "Novel antioxidants: unexpected rearrangements in the radical cyclization approach to 2,3-dihydrobenzo[b]thiophene-5-ol derivatives," Journal of Organic Chemistry, V63, N10, 1998, pp. 3318-3323.					
		Gatuhier, et al., "A remarkable simple conversion of nitriles to thioamides," Phosphorus, Sulfur and Silicon and the Related Elements, V95/95, N1/4, 1994, pp. 325-326.					
Continue on page _____							
<b>EXAMINER</b>					<b>DATE CONSIDERED</b>		
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.							